

WHAT IS CLAIMED IS:

1 1. A transceiver comprising:  
2 (a) a medium access controller;  
3 (b) a first set of control logic in the medium access controller for configuring the  
4 transceiver for communicating over two or more wireless carriers with a network routing  
5 center; ~~(c)~~  
6 ~~(b)~~ a second control logic in the medium access controller for monitoring each of the  
7 two or more wireless carriers for a service characteristic; and  
8 ~~(d)~~ ~~(e)~~ a third control logic in the medium access controller further for selecting, based on  
9 the monitored service characteristic, one of the two or more wireless carriers that the first  
10 control logic configures the transceiver to use to communicate with the network routing  
11 center.

1 2. The transceiver of claim 1, wherein each of the first, second, and third control  
2 logic is selected from the group consisting of: hardware based control logic, software based  
3 control logic and combination hardware-software based control logic.

1 3. The transceiver of claim 1, wherein the service characteristic comprises a  
2 quality of service characteristic for the wireless carrier.

1 4. The transceiver of claim 3, wherein the quality of service characteristic  
2 comprises a bit error rate for the respective wireless carrier.

1 5. The transceiver of claim 3, wherein the quality of service characteristic  
2 comprises a signal to noise ratio for the respective wireless carrier.

1 6. The transceiver of claim 3, wherein the quality of service characteristic  
2 comprises a packet loss rate for the respective wireless carrier.

1 7. The transceiver of claim 3, wherein the quality of service characteristic  
2 comprises path fade for the respective wireless carrier.

1 68. The method of claim 64, comprising identifying the respective mobile  
2 communicator that transmitted the message using a communicator identifier included in the  
3 message.

1 69. The method of claim 64, wherein the message comprises a message type.

1 70. The method of claim 69, comprising composing a transmission path for the  
2 message according to the message type.

1 71. The method of claim 70, wherein each message type is selected from the  
2 group consisting of: peer-to-peer, peer-to-client host and hybrid peer-to-peer/peer-to-client  
3 host.

1 72. The method of claim 64, wherein each message comprises a message  
2 destination.

1 73. The method of claim 72, comprising composing a transmission path for the  
2 message according to its message destination.

1 74. In a network routing center, a method for communicating, comprising:

2 (a) communicating with one or more mobile communicators using two or more  
3 transceivers, each transceiver using a different wireless carrier; and

4 (b) storing one or more carrier indicators, each carrier indicator indicating a current  
5 one of the different wireless carriers being used by one said mobile communicators;

6 (c) selecting one of the two or more transceivers for transmitting a message to one of  
7 said mobile communicators, the step of selecting performed based on the respective indicator  
8 for the one mobile communicator.

1 75. The method of claim 72, wherein the message comprises a message  
2 destination indicating the one of said mobile communicators the message is for transmitting  
3 to.

1 76. A transceiver, comprising:

2 (a) a means for configuring the transceiver for communicating over two or more